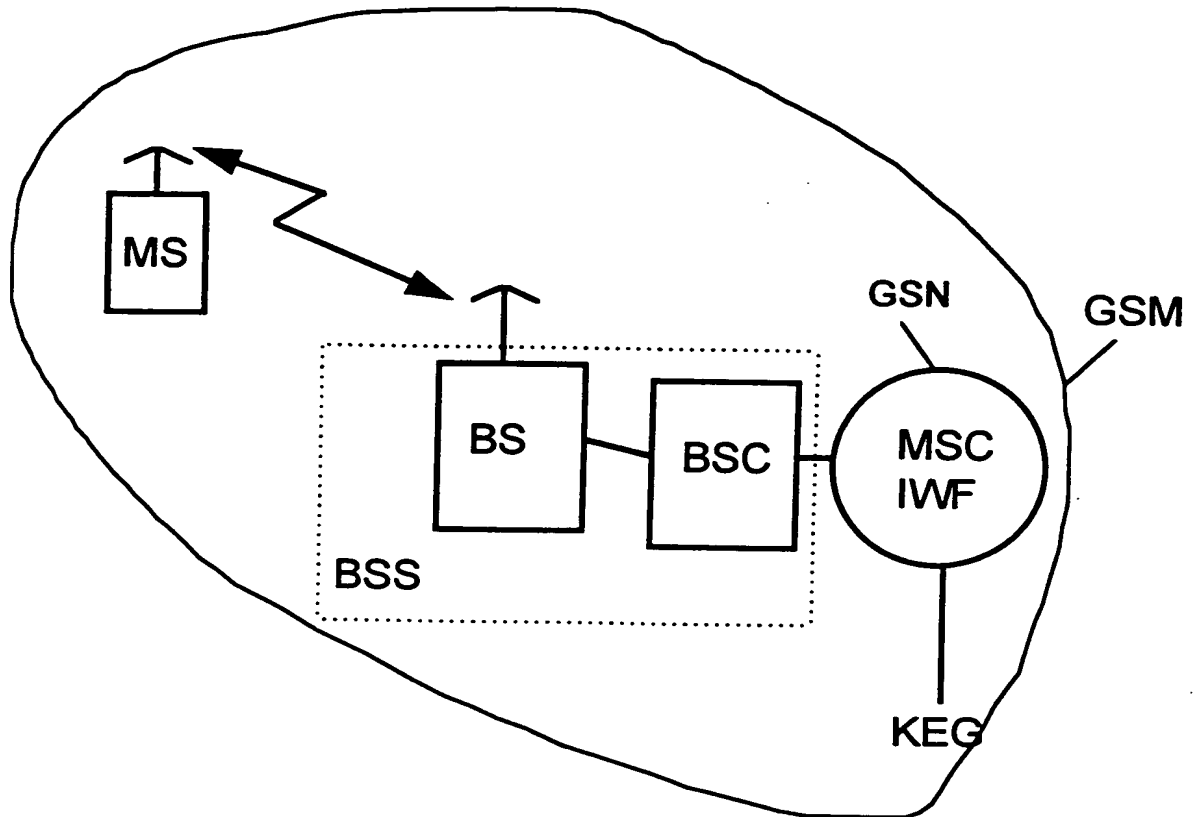


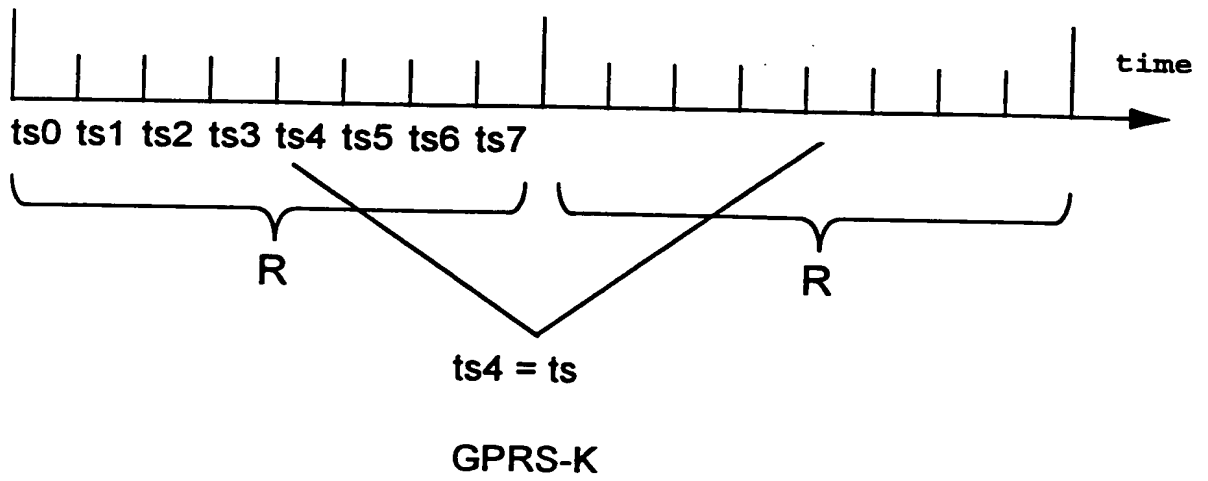
1/5

Fig.1



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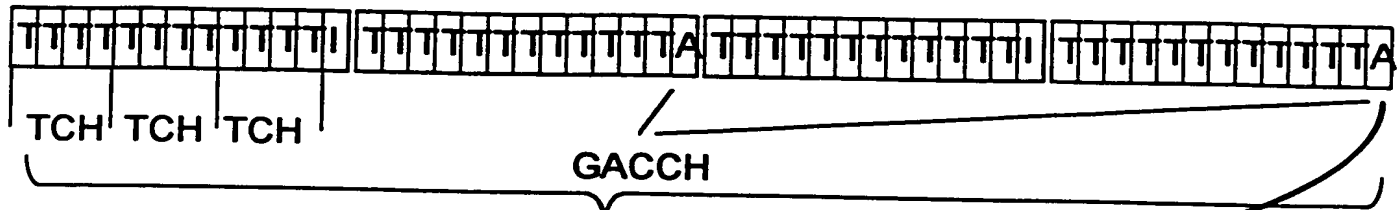
Fig.2



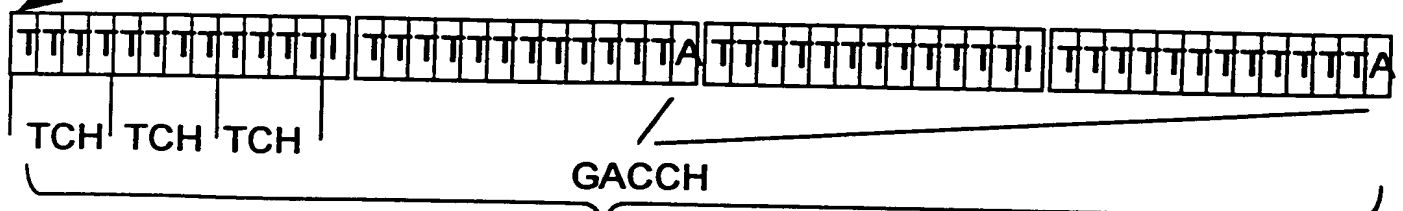
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Fig.3

Downlink direction

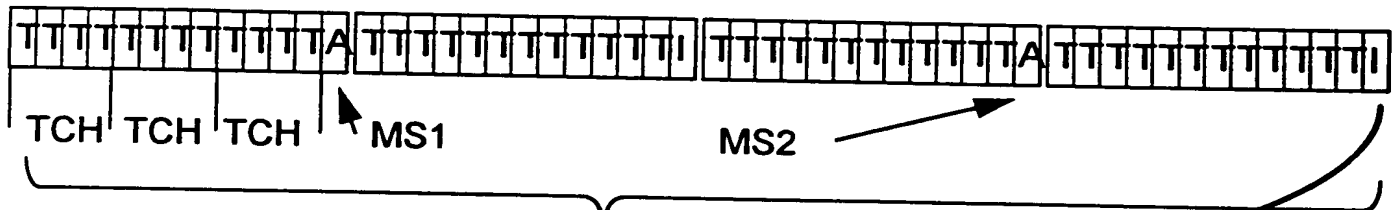


240 ms

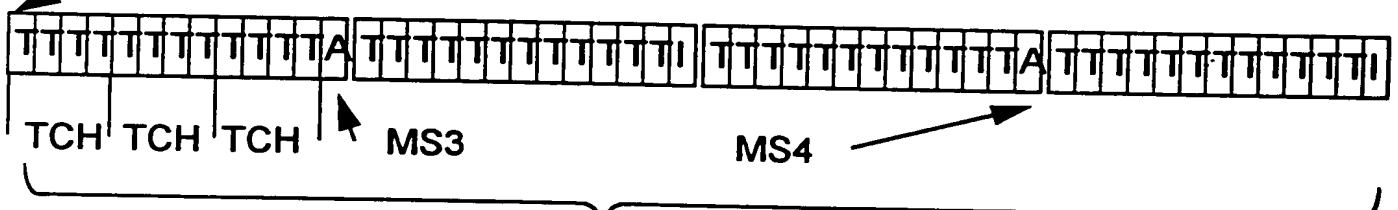


240 ms

Uplink direction



240 ms



240 ms

Fig. 4

Table 1

GACCH Burst	Uplink direction Measurements relating to the adjacent cells	Downlink direction GACCH Block
I		
A0	MS1, id 0 uplink	TA and PC for MS 1 to 4
A1	MS2, id 1 uplink	TA and PC for MS 1 to 4
A2	MS3, id 2 downlink	TA and PC for MS 1 to 4
A3	MS4, id 3 downlink	TA and PC for MS 1 to 4

Table 2

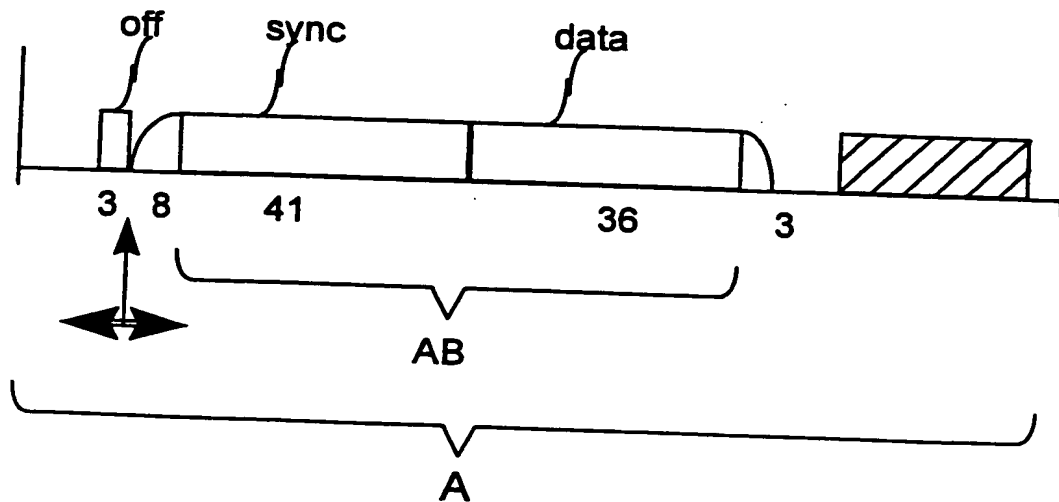
GACCH Burst	Uplink direction	Downlink direction GACCH Block
A0	MS1, id 0 both directions	TA for MS 1 to 4
A1	MS2, id 1 both directions	TA for MS 1 to 4
A2	MS3, id 2 both directions	TA for MS 1 to 4
A3	MS4, id 3 both directions	TA for MS 1 to 4

Table 3

GACCH Burst	Uplink direction	Downlink direction GACCH Block
A0	MS1, id 0 both directions	TA for MS 1
A1	MS2, id 1 both directions	TA for MS 2
A2	MS3, id 2 both directions	TA for MS 3
A3	MS4, id 3 both directions	TA for MS 4

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Fig. 5



MS

BS

 $TA_{old} = 30, \text{off} = 3$
 $\text{Transmission time} = 468.75 - (30 + 3) = 435.75$

AB

TA definition
e.g. $TA = 1$

TA signalling
e.g. $TA = 4 = 1 + 3$

Set transmission time

 $TA_{new} = TA_{old} + TA - \text{off}$
 $\text{Transmission time} = 468.75 - (31 + 3) = 434.75$

AB